Title (en)

ORGANIC EL DISPLAY PANEL

Title (de)

ORGANISCHE EL-ANZEIGETAFEL

Title (fr)

PANNEAU D'AFFICHAGE ELECTROLUMINESCENT ORGANIQUE

Publication

EP 2270896 B1 20141224 (EN)

Application

EP 09700056 A 20090130

Priority

- JP 2009000366 W 20090130
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Abstract (en)

[origin: US2010181554A1] The present invention relates to an organic EL display panel having an organic light emitting layer having a uniform film thickness. The organic EL display panel of the present invention includes: a substrate; linear banks placed on the substrate and defining a linear region on the substrate; and at least two organic EL elements aligned in a row each linear region, and, each of the organic EL elements includes: an anode placed on the substrate; a hole injection layer formed with an metallic oxide and placed on the anode; an organic light emitting layer placed on the hole injection layer; and a cathode placed on the organic light emitting layer. The hole injection layer is concavely curved or convexly curved, the hole injection layer is partly placed under the banks; and the organic light emitting layer is formed by applying an organic light emitting material in the linear region.

IPC 8 full level

H01L 27/32 (2006.01)

CPC (source: EP KR US)

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Citation (examination)

JP 2005331665 A 20051202 - SEIKO EPSON CORP

Cited by

EP2398084A4; US8999832B2; US8852977B2; US9843010B2; US9130187B2; US8927976B2; US8866160B2; US8890129B2; EP2398083B1; EP2398085B1

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DOCDB simple family (publication)

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